

# SESAME SOLAR

TURNKEY NANOGRIDS. SOLUTIONS INSIDE®

February 20, 2024



Dear Missy Stults,

We are pleased to present the following proposal for Sesame Solar Mobile Nanogrid: 100% Renewable Power Solution.

Sesame Solar manufactures Mobile, Turnkey Solar + Green Hydrogen Nanogrids pre-engineered with Solutions Inside, and pre-configured for set-up by one person in less than 15 minutes. Sesame Solar Nanogrids are available in two form factors – Dual Axle Trailer and ISO Shipping Container.

This Nanogrid has been designed to provide backup power to the Fire Station and also serve as a community connector.

Below we have listed the included options and you are able to accessorize as may be needed.



Factory Address - 1300 Falahee Rd, Unit #18, Jackson, Michigan, USA – 49202  
Mailing Address - PO Box 284 Douglas, MI 49406



## Product Description

### Sesame Solar Nanogrid Trailer

Technical Specifications		
Model No		NT_H_45
Solar Array Power	kW	8
Total Battery Storage	kWh	45
Inverter Rating – 110/220 VAC	kW	15
Closed Dimensions	Ft.	30 x 8.5
Nanogrid Interior Height	Ft.	8
Fuel Cell	kW	4
Electrolyzer - Production Rate	NL/h	500
Hydrogen Storage	kg	2.4
G.V.W.R Rated	Lbs.	9,990
Form Factor	Tri Axle, V-Nose Trailer	
Standard Shipping	Tow using a Pick-up truck	
Installation	Fully configured < 15 minutes	

### Solution Inside – Backup Power and Community Connector

Inside the Nanogrid			
Description	Qty	Description	Qty
Foldable Worktables & Chairs	4	Surface Mount LED Lights	6
Tablet for device monitoring	1	Quad Power Outlets w/ USB	4
Fire Extinguisher and Gas Sensor	1	Lockable Storage	1
RV HVAC Unit	1	Internet Inside - 5G mesh Hotspot	1
Atmospheric Water Generator	1	Universal Mounts for display screens	4
Windows	2	Floating Shelves	4
High-top Worktable	1	Anti-Skid Flooring	
ADA adjusted ramp and access door	1	Insulated Walls R2, Floors R3 and Ceiling R3	
Outside the Nanogrid			
Description	Qty	Description	Qty
Weatherproof Audio Video System	2	Weatherproof LED Lighting	6
Quad Power Outlets w/ USB	2	Foldable Workbenches	2
Shore Power Plugs for 110V and 220V inputs			

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## List Price

### Sesame Solar Nanogrid Trailer Solution

Description	Unit Price*
Nanogrid Trailer: NT_H_38	\$265,000.00
Solution Inside: Backup Power and Community Connector	\$35,000.00
Exterior Full Wrap	\$15,000.00
The above price does not include Sales Tax.	

\*Discount available with Volume Purchase Order

## Maintenance – Fees

Maintenance	
<b>Routine preventative, done quarterly.</b> <ul style="list-style-type: none"> <li>○ Maintenance App to track activity.</li> <li>○ Includes on-site visit for 6-8 hrs.</li> <li>○ Maintenance and refilling fluids</li> <li>○ Prepare usage report on stored Operational Data</li> <li>○ Customer support via email within 2 business days</li> </ul>	\$1500/quarter.
<b>Corrective</b>	
Mon – Fri, 08:00 AM – 05:00 PM	\$155/ hr.
Sat – Sun, 08:00 AM – 05:00 PM, Holidays & After business hrs.	\$ 235/ hr.

## Terms and Conditions

### Payment Terms for each Nanogrid –

- 50% deposit due with Purchase Order or first Invoice
- 50% payment due on Delivery/ Pickup.
- **Potential 50% tax credit and/or rebate per Inflation Reduction Act (IRA)**
  - As part of the Inflation Reduction Act, Sesame Solar Nanogrids qualify for 50% tax credits and/or direct payments if deployed in disadvantaged communities or tribal nations.

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## **This quote includes:**

- Sesame Solar Mobile, Turnkey Nanogrids.
- The price is valid for 30 days from the date of proposal.
- End-to-End Warranty for 1 year from date of receipt of the Nanogrid.
- Lead for each Sesame Solar Nanogrid is 60 business days.
- Product Videos and User Manual for product training and ease of use.
- Sesame Solar Dashboard to track performance - kW produced and consumed, battery life, GHG emission details and maintenance schedule.

## **This quote does not include:**

- Transportation costs. All Sesame Solar Nanogrids are offered Ex-Works from Sesame Solar facilities in Jackson, Michigan.
- Full Body Wrap as per customer design.
- Additional or Optional equipment not listed in the product description.
- Sesame Solar and customer logos & decals on the exterior and interior

## **Sesame Solar Nanogrid Images**



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